

Table 1a. DPS L4s Changes:

Paragraph_id	requirement_key	release	req_type	req_status	verification_method	verification_status	text
S-DPS-20020	11669	B0	functional	approved	test	unverified	The PRONG CI shall have the capability to incorporate DAAC-developed software (PGEs) required to support discipline specific needs.
S-DPS-20150	8654	B1 B0	interface	approved	test	unverified	The PRONG CI shall provide Accounting Management data to the MSS using a MSS provided Accounting Management API.
S-DPS-20614	10650	B0	functional	approved	test	unverified	The PRONG CI shall be capable of using requesting Data Server subsetting services when it requests input data sets to be staged.
S-DPS-20616	10651	B0 B1	functional	approved	test	unverified	The PRONG CI shall be capable of using requesting Data Server subsampling services when it requests input data sets to be staged.
S-DPS-20691	10049	B1	functional	approved	test	unverified	The PRONG CI shall base the staging of input data on the predicted PGE execution start time and the estimated staging time. The PRONG CI shall attempt to complete the staging of a PGE's input data before the PGE is scheduled to start, based on the PGE's scheduled start time and the estimated time to stage the inputs.
S-DPS-20696	11672	B1	functional	approved	test	unverified	The PRONG CI shall complete the process of staging the input data and defer the execution of the PGE DPR if the suspend command is received while the data is being staged.
S-DPS-21855	8667	B1 B0	functional	approved	test	unverified	The PRONG CI GUI shall conform to the guidelines in version 5.1 of the ECS User Interface Style Guide.
S-DPS-22600	11677	B1	functional	approved	test	unverified	The PRONG CI shall reject the Operation Command which specified a resume if the Data Processing Request was not suspended is not currently suspended .
S-DPS-26000	11855	B	functional	approved	test	unverified	The PRONG CI shall be capable

		B1		d		d	of compressing data being destaged to a SDSRV CI at a remote DAAC.
S-DPS-26010	11856	B B1	functional	approved	test	unverified	The PRONG CI shall be capable of decompressing data being staged from a SDSRV CI at a remote DAAC.
S-DPS-26020	11857	B B1	functional	approved	test	unverified	The PRONG CI shall be capable of destaging data to a SDSRV CI at a remote DAAC.
S-DPS-26030	11858	B B1	functional	approved	test	unverified	The PRONG CI shall be capable of staging data from a SDSRV CI at a remote DAAC.
S-DPS-30710	8677	B0	functional	approved	test	unverified	The PRONG CI shall provide to the SDP Toolkit, at a minimum, the following metadata with the ephemeris data files for EOS-AM processing <u>in the standard format for ephemeris files as defined by the SDP Toolkit. :</u> a) time range b) orbit number range c) platform
S-DPS-30750	8678	B0	functional	approved	test	unverified	The PRONG CI shall provide to the , in a SDP Toolkit <u>compatible format</u> , orbit and attitude data including platform position and velocity vectors and platform attitude/attitude rate data, <u>in a standard format as defined by the SDP Toolkit and</u> in the native format of the host hardware for EOS-AM processing.
S-DPS-30770	8679	B0	functional	approved	test	unverified	The PRONG CI shall provide to the , in a SDP Toolkit <u>compatible format</u> , orbit and attitude data, including platform position and velocity vectors and platform attitude/attitude rate data, <u>in a standard format as defined by the SDP Toolkit and</u> in HDF-EOS format for EOS-AM processing.
S-DPS-30910	11683	B0	functional	approved	test	unverified	The PRONG CI shall provide to the SDP Toolkit EDOS-generated L0 PDS containing header <u>and quality</u> information as specified in the EDOS-ECS ICD.
S-DPS-41200	10056	B0	functional security	approved	test	unverified	The AITTLCI shall provide the operations staff with the ability (a) to restrict update access <u>of the Science Software Archive Packages</u> to the Data Server to authorized personnel and (b) to maintain a record of updates made.
S-DPS-42100	4623	IR1	<u>procedural</u> <u>operationa</u>	agreed	inspection	unverified	The operations staff shall place a Science Software Delivery

			I				Package in a non-public directory accessible to the hardware scheduled to be used for I&T.
S-DPS-42110	4624	IR1	procedural operationa	agreed	inspecti on	unverifie d	The operations staff shall read and/or review all documentation included in the Delivery Package.
S-DPS-42120	4625	IR1	procedural operationa	agreed	test/dem o	unverifie d	The operations staff shall perform automated checking of all source code included in the Delivery Package against established coding standards and guidelines.
S-DPS-42130	4626	IR1	procedural operationa	agreed	test/dem o	unverifie d	The operations staff shall perform automated checking of all scripts included in the Delivery Package against established coding standards and guidelines.
S-DPS-42180	4632	IR1	procedural operationa	agreed	test/dem o	unverifie d	The operations staff shall check source code, coefficient files, test plans, test data, expected test results and other documentation into the Configuration Management tool.
S-DPS-42200	4634	IR1	procedural operationa	agreed	test/dem o	unverifie d	Whenever a Science Software Delivery is received by the AITTL CI directly from the SCF via the network, the operations staff shall notify the SCF that the delivery has been received successfully.
S-DPS-42310	4637	IR1	procedural operationa	agreed	test/dem o	unverifie d	The operations staff shall link FORTRAN77, FORTRAN 90 and C object code with the DAAC version of the SDP Toolkit.
S-DPS-42365	8699	B1	functional	approve d	test	unverifie d	The operations staff shall have the capability to use MSS profiling capabilities to determine the computing resources utilized by the execution of a chain of PGEs.
S-DPS-42315	4638	IR1	procedural operationa	agreed	test/dem o	unverifie d	The operations staff shall link Ada object code for CERES with the DAAC version of the SDP Toolkit.
S-DPS-42500	4647	IR1	procedural operationa	agreed	test/dem o	unverifie d	The operations staff shall execute the Test Plans included in the Delivery Package.
S-DPS-42620	10615	A	procedural operationa	agreed	test/dem o	unverifie d	The operations staff shall update information in the PGE Database as necessary to reflect changes in performance and resource utilization resulting from a modification to a PGE.
S-DPS-42740	4667	IR1	procedural operationa	agreed	test/dem o	unverifie d	The operations staff shall reports on the status of I&T-related

			I				discrepancy reports.
S-DPS-42760	4669	IR1	procedural operationa I	agreed	test/dem o	unverifie d	The operations staff shall report on the status of the I&T activities each PGE.